

PATENT ABSTRACTS OF JAPAN

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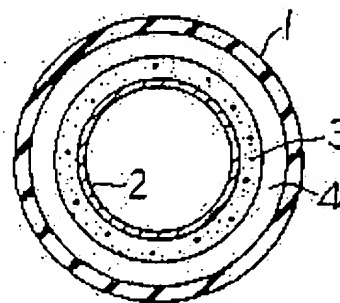
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(54) TYRE RESONANCE PREVENTING MATERIAL

(57)Abstract:

PURPOSE: To prevent the generation of resonance noise occasioned by running and to reduce the generation of noise, by a method wherein an annular porous material having a specified apparent volume and apparent density is built in the inner pressure air-filled cavity of a tyre.

CONSTITUTION: An annular tyre resonance preventing material 3, formed by a porous material having an apparent volume of from 25% or more to 70% of less of the total inner volume of an inner pressure air-filled cavity 4 under inflation of a tyre 1 and apparent density of 0.1gw/cm² or less, is located in the inner pressure air-filled cavity 4 formed between the inner surface of the tyre 1 and the outer surface of a rim 2. This constitution enables reduction of the peak of the power value of load noise during load-rolling of the tyre, and allows reduction of the generation of noise.



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